March 1, 2006

AGENDA
168th ACNW MEETING
MARCH 22–24, 2006

WEDNESDAY, MARCH 22, 2006, COMMISSIONERS' CONFERENCE ROOM (O-1G16), ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND

1) 8:30 - 8:45 A.M. **Opening Remarks by the ACNW Chairman** (Open) (MTR/JTL)
The Chairman will make opening remarks regarding the conduct of today's sessions.

8:45 - 5:15 P.M. **ACNW Working Group Meeting (WGM) on Draft Final Guidance to Implement NRC's License Termination Rule** (Open) (JHC/MPL)
Representatives from NRC's Office of Nuclear Materials Safety and Safeguards (NMSS) will brief the ACNW and the ACNW's panel of invited subject matter experts on public comments received on draft proposed NUREG-1757 (Supplement 1) – "Consolidated NMSS Decommissioning Guidance: Updates to Implement the License Termination Rule Analysis: Draft Report for Comment." The NRC staff also intend to brief the Committee on their conceptual plans for addressing the public comments received. A copy of this NUREG is available at *http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1757/s1/*.

2) 8:45 - 9:00 A.M. **Opening Remarks by the WGM Chairman**
The WGM Chairman will make opening remarks and introduce the ACNW's panel of invited subject matter experts for this working group meeting.

3) 9:00 - 9:30 A.M. **Update on Status of NUREG-1757 Development**
Presentation by NMSS Representative(s).

4) 9:30 - 10:30 A.M. **Summary of Public Comments on the Proposed Treatment of Realistic Scenarios, Intentional Mixing, and Removal of Material after License Termination Provisions of Draft NUREG-1757**
Presentation by NMSS Representative(s).

10:30 - 10:45 A.M. ***** BREAK *****

5) 10:45 - 12:00 Noon **Summary of Public Comments on the Onsite Disposal Provisions of Draft NUREG-1757**
Presentation by NMSS Representative(s).

12:00 - 1:30 P.M. ***** LUNCH *****

6) 1:30 - 2:45 P.M. **Summary of Public Comments on the Engineered Barrier Provisions of Draft NUREG-1757**
Presentation by NMSS Representative(s).

7) 2:45 - 4:00 P.M. **Summary of Public Comments on the Institutional Controls/ Restricted Release Provisions of Draft NUREG-1757**
Presentation by NMSS Representative(s).

4:00 - 4:15 P.M. ***** BREAK *****

8) 4:15 - 5:15 P.M. **Roundtable Discussion**
The WGM Chairman will lead a discussion among the panel of invited subject matter experts on the material presented in Items 3 through 7 and discuss the content of a possible Committee letter report to the Commission concerning potential changes to NUREG-1757 that might be proposed as a result of the public comment process.

5:15 P.M. **Adjourn**

THURSDAY, MARCH 23, 2006, COMMISSIONERS' CONFERENCE ROOM (O-1G16), ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND

9) 8:30 - 8:45 A.M. **Opening Remarks by the ACNW Chairman** (Open) (MTR/JTL)
The Chairman will make opening remarks regarding the conduct of today's sessions.

10) 9:00 - 1:00 P.M. **U.S. Department of Energy (DOE) Office of Science and Technology and International Waste Safety-Related Research** (RFW/RPS)
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Representatives of the Department of Energy's Office of Science and Technology and International (OST&I) will discuss work being carried out under OST&I's science and technology research programs. These programs are directed toward enhancing the understanding and optimizing the performance of the proposed Yucca Mountain repository. The topics to be discussed will include materials performance, source term, natural barriers, radioactive getters, and use of advanced technologies.

1:00 - 2:00 P.M. ***** LUNCH *****

11) 2:00 - 3:00 P.M. **Briefing by the Director of the Office of Nuclear Regulatory Research (RES)** (Open) (MTR/RPS)
Dr. Carl Paperiello, the RES Office Director, will brief the Committee on recent activities of interest in the area of radioactive waste management.

3:00 P.M. Adjourn

FRIDAY, MARCH 24, 2006, COMMISSIONERS' CONFERENCE ROOM (O-1G16), ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND

12) 8:30 - 8:45 A.M. **Opening Remarks by the ACNW Chairman** (Open) (MTR/JTL)
The Chairman will make opening remarks regarding the conduct of today's sessions.

8:45 - 11:45 A.M. **Recent Developments Related to Modeling the Igneous Activity in the Yucca Mountain Region** (Open) (WJH/NMC)

13) 8:45 - 9:45 A.M. **Modeling the Long-Term Fluvial Redistribution of Volcanic Tephra in Forty Mile Wash, Yucca Mountain**
Representatives from the NRC staff and the Center for Nuclear Waste Regulatory Analyses will discuss a hypothetical scenario in which a geologic repository at Yucca Mountain is intersected by a volcanic vent, resulting in dispersal of contaminated ash. The speakers will discuss how the NRC staff will model the fluvial redistribution of this ash in the Forty Mile Wash drainage basin adjacent to the Yucca Mountain site.

14) 9:45 - 10:45 A.M. **"Potential Igneous Processes Relevant to the Yucca Mountain Repository: Intrusive-Release Scenario"**
Representatives of the Electric Power Research Institute (EPRI) will brief the Committee on their most recent independent study related to the potential consequences of an igneous event in the Yucca Mountain region. A copy of this report is available at *http://www.epriweb.com/public/000000000001011165.pdf.*

10:45 - 11:00 A.M. * BREAK *****

15) 11:00 - 12:00 Noon **Discussion of Draft Letters and Reports** (Open) (All)
Discussion of proposed ACNW reports on:
15.1) NUREG-1757 LTR Guidance (JHC/MPL)
15.2) DOE's OST&I Program (RFW/RPS)
15.3) NRC's Research Programs (MTR/RPS)
15.4) Recent NMSS Modeling Activities in the Area of Igneous Activity (WJH/NMC)

16) 12:00 - 12:30 P.M. **Miscellaneous** (Open)
The Committee will discuss matters related to the conduct of ACNW activities and specific issues that were not completed during previous meetings, as time and availability of information permit. Discussions may include future Committee Meetings.

12:30 P.M. Adjourn

NOTES:

- Presentation time should not exceed 50 percent of the total time allocated item. The remaining 50 percent of the time is reserved for discussion.

- **Fifty (50) hard copies and one (1) electronic copy of the presentation materials should be provided to the ACNW in advance of the briefing.**

- ACNW meeting schedules are subject to change. Presentations may be canceled or rescheduled to another day. If such a change would result in significant inconvenience or hardship, be sure to verify the schedule with Mr. Michael Lee at 301-415-6887 between 8:00 a.m. and 5:00 p.m. prior to the meeting.

ACNW	ACRS/ACNW	ACRS/ACNW	Filed: WB-170
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